

The first of these is the fact that the
 H^+ ions are not free to move in the
 solution, but are bound to the
 Cl^- ions, forming a complex ion,
 HCl . This complex ion is not
 free to move in the solution, and
 therefore does not contribute to the
 conductivity.

5 information device. The portable information devices may be linked to the telephony network to enable encryption and/or authentication services using the encryption and/or authentication data exchanged by the portable information devices.